|  |  |                               |   | $\overline{}$ | T                      |                   |  |  |
|--|--|-------------------------------|---|---------------|------------------------|-------------------|--|--|
| AMEND Applicant(s): Jif  | arge Entity)   |                               | Docket No.<br>90065.000701/17732.6357.003 |               |                        |                   |  |  |
| Application No. 10/618,067   | Filing Date July 11, 2003  | Examiner<br>Maria F. Guerrero | Customer N                                | ۷o. G         | Group Art Unit<br>2822 | Confirmation No.  |  |  |
| Invention: DENSE TRENCH MOSFET WITH DECREASED ETCH SENSITIVITY TO DEPOSITION AND ETCH OF THE CARROLL OF THE CONTROL OF THE CON |  |                               |   |               |                        |                   |  |  |
| COMMISSIONER FOR PATENTS:  Transmitted herewith is an amendment in the above-identified application.   |  |                               |   |               |                        |                   |  |  |
| The fee has been   | calculated and is trans  | smitted as shown below.       | •   |               | ***                    |                   |  |  |
|  |  | CLAIMS AS AMI                 | IENDED                                    |               |                        |                   |  |  |
|  | CLAIMS REMAINING AFTER AMENDMENT   | HIGHEST # PREV. PAID FOR      | NUMBER EXTRA CLAIMS PRESENT               |               | RATE                   | ADDITIONAL<br>FEE |  |  |
| TOTAL CLAIMS   | AFTER AMENDMENT  6 -   | PREV. PAID FOR                | CLAIMS PRESENT 0                          | ×             | \$18.00                | FEE \$0.00        |  |  |
| INDEP. CLAIMS  | 3 -  | 3 =                           | 0   | +             | \$86.00                | \$0.00            |  |  |
|  | nt Claims (check if appl   |                               |   | Ľ.,           |                        | \$0.00            |  |  |
|  |  | TOTAL ADDITIONAL F            | FEE FOR THIS AM                           | ENDI          | MENT                   | \$0.00            |  |  |
| No additional fee is required for amendment.  Please charge Deposit Account No. in the amount of  A check in the amount of to cover the filing fee is enclosed.  The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account  Any additional filing fees required under 37 C.F.R. 1.16.  Any patent application processing fees under 37 CFR 1.17.  Payment by credit card. Form PTO-2038.  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  Dated: 29-SEPT-D4  |  |                               |   |               |                        |                   |  |  |
| Laurence S. Roach<br>Reg. No. 45,044<br>Law Office of Tho<br>16 E. Main Street,<br>Rochester, NY 14<br>Telephone (585) 45<br>Fax (585) 454-636   | I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on 9/30/04  (Date)  **Tathless A. Manczuk**  Kathleen A. Manczuk** |                               |   |               |                        |                   |  |  |

cc:

Typed or Printed Name of Person Mailing Correspondence

| CERTIFICATE OI Applicant(s): Jifa Had   | Docket No.<br>90065.000701(17732.6357.003)           |            |                    |                        |  |  |  |  |
|---|--|------------|--------------------|------------------------|--|--|--|--|
| Application No. 10/618,067  | Filing Date July 11, 2003  Filing Date  Monica Lewis |            | Customer No. 34799 | Group Art Unit<br>2822 |  |  |  |  |
| Invention: DENSE TRENCH MOSFET WITH DEGREASED ETCH SENSITIVITY TO DEPOSITION AND ETCH PROCESSING                                |  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
| I hereby certify that this Response to Notice of Non-Compliant Amendment (total 10 pages)  (Identify type of correspondence)    |  |            |                    |                        |  |  |  |  |
| is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope             |  |            |                    |                        |  |  |  |  |
| addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on  September 30, 2004 (Date) |  |            |                    |                        |  |  |  |  |
| Kathleen A. Manczuk   |  |            |                    |                        |  |  |  |  |
| (Typed or Printed Name of Person Mailing Correspondence)  |  |            |                    |                        |  |  |  |  |
| (Signature of Person Mailing Correspondence)  |  |            |                    |                        |  |  |  |  |
|   | •  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
| Note: Each paper must have its own certificate of mailing.  |  |            |                    |                        |  |  |  |  |
|   | Note: Dath paper must have its own ter tineau        | or maning. |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |
|   |  |            |                    |                        |  |  |  |  |

Docket No.: 90065.000701/17732.6357.003 Response to Notice of Non-Compliant Amendment

## IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant : Jifa Hao, et al. )

Serial No. : 10/618,067 )

Filed : July 11, 2003 )

For : DENSE TRENCH MOSFET WITH ) Art Unit: 2822

DECREASED ETCH SENSITIVITY )

TO DEPOSITION AND ETCH

**PROCESSING** 

## RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

MS: Amendment

Hon. Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## Dear Sir:

Responsive to the Notice of Non-Compliant Amendment mailed

September 23, 2004, Applicants submit the following revised Claims Listing and explanatory remarks: